

LAYOUT 11/16/07 INSP 4 _____
 INSP 2 _____ INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: _____ P 527882

APPROVAL DATE: 11/26/07 *Logged Into Permit Manager* A 518543
 TAX ID # 05-445019

PERMIT
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

South CARROLL BACKHOE, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 4410 Salem Bottom Rd PHONE NUMBER: (410) 875-4197

SUBDIVISION: Clarksville Overlook LOT NUMBER: 9

ADDRESS: 12848 Macbeth Farm Lane PROPERTY OWNER: NV Homes

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 *Trenches 2' Wide*

SQUARE FEET PER BEDROOM: _____ *Inlet 4.5'*

LINEAR FEET OF TRENCH REQUIRED: 224' *Bottom 8.5'*
4-56' Trenches

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 7.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Install trenches on contour, in the highest area possible. Place the distribution box in the center of the approved area and run 3 ~ 58' length trenches on contour.
NOTES:	

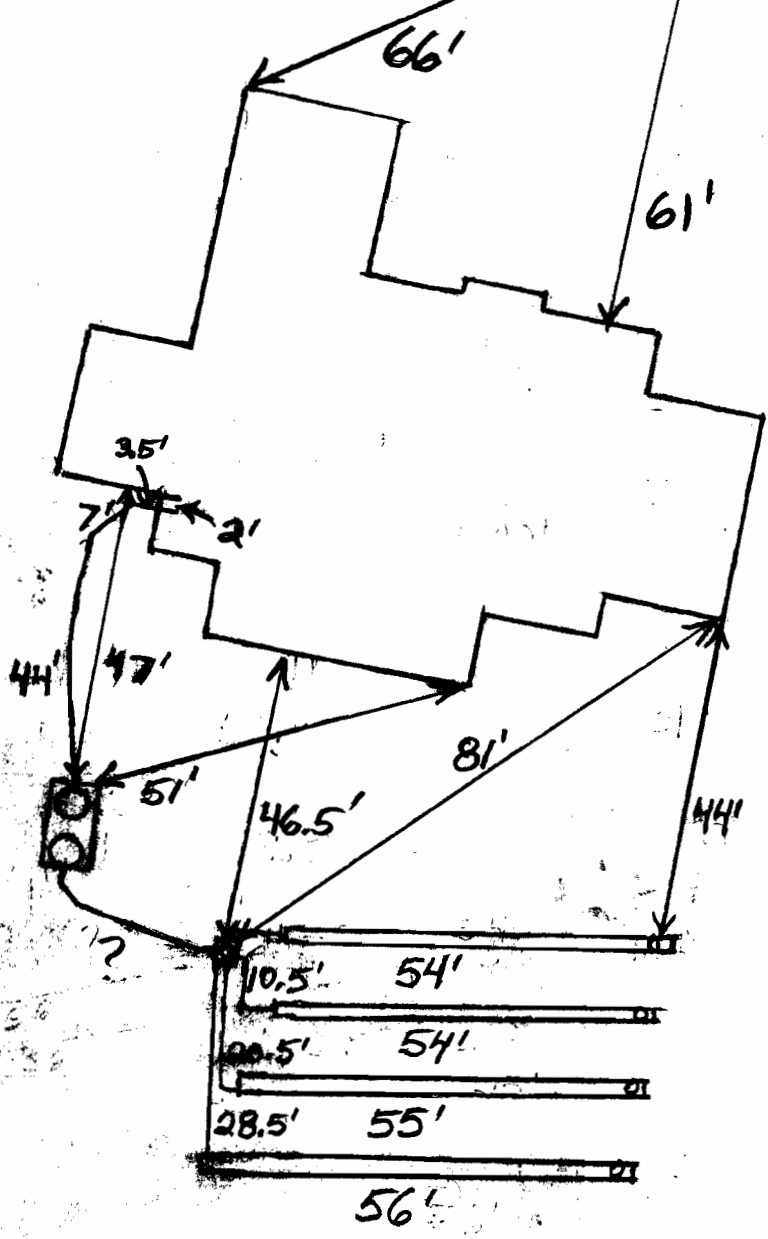
PLANS APPROVED: Gabriel Creighton DATE: 8/8/2007

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

H0-95-0385

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	8.5'
NUMBER OF TRENCHES <u>4</u>		
TOTAL LENGTH <u>219'</u>		
ABSORPTION AREA <u>336</u>		
DISTRIBUTION BOX LEVEL <u>Levelers</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<u>Yes</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>1'-2'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front+Rear</u>
6" PORT LOC	<u>None</u>
WATERTIGHT TEST	<u>No</u>

SEPTIC TANK 2 LEVEL	
SEPTIC TANK 2 LEVEL	<u>N/A</u>
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION
 11/16/07 Set the distribution box in the top middle of the easement and

install 2-56' trenches towards both sides of the easement. Set tank out of the way of future deck. 11/26/07
 INSTALLATION: System finished. Trenches not installed per layout but should be O.K. (BB)

FINAL INSPECTOR B. Baber DATE OF APPROVAL 11/26/2007

SEPTIC SPECIFICATIONS WORKSHEET

Subdivision Clarksville Overlook A 518543
 12848
 Street Name Macbeth Farm Ln. Lot Number 9
 Average Percolation Rate(min./in.) 4.25m Application Rate (GPD/sq. ft.) 1.2
 Number of Bedrooms 5 Design Flow (BRx150) 750
 Square Footage (of House) >3500 Septic Tank Capacity (gal.) 2000
 Sidewall Credit / % Reduction 1,183% Total Length of Trench (ft.) 173

*All Septic/Pump tanks must be top seamed unless otherwise approved by this agency.

*All Septic tanks must be compartmented unless otherwise approved by this agency.

Baffle Filter Required? Yes No

TRENCH DIMENSIONS: Trench to 3 feet wide. Inlet at 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 7 feet below original grade. 4 feet of stone below the distribution pipe.

PUMP SYSTEM PROPOSED? YES NO

Pump system details: _____ gallon pump chamber

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

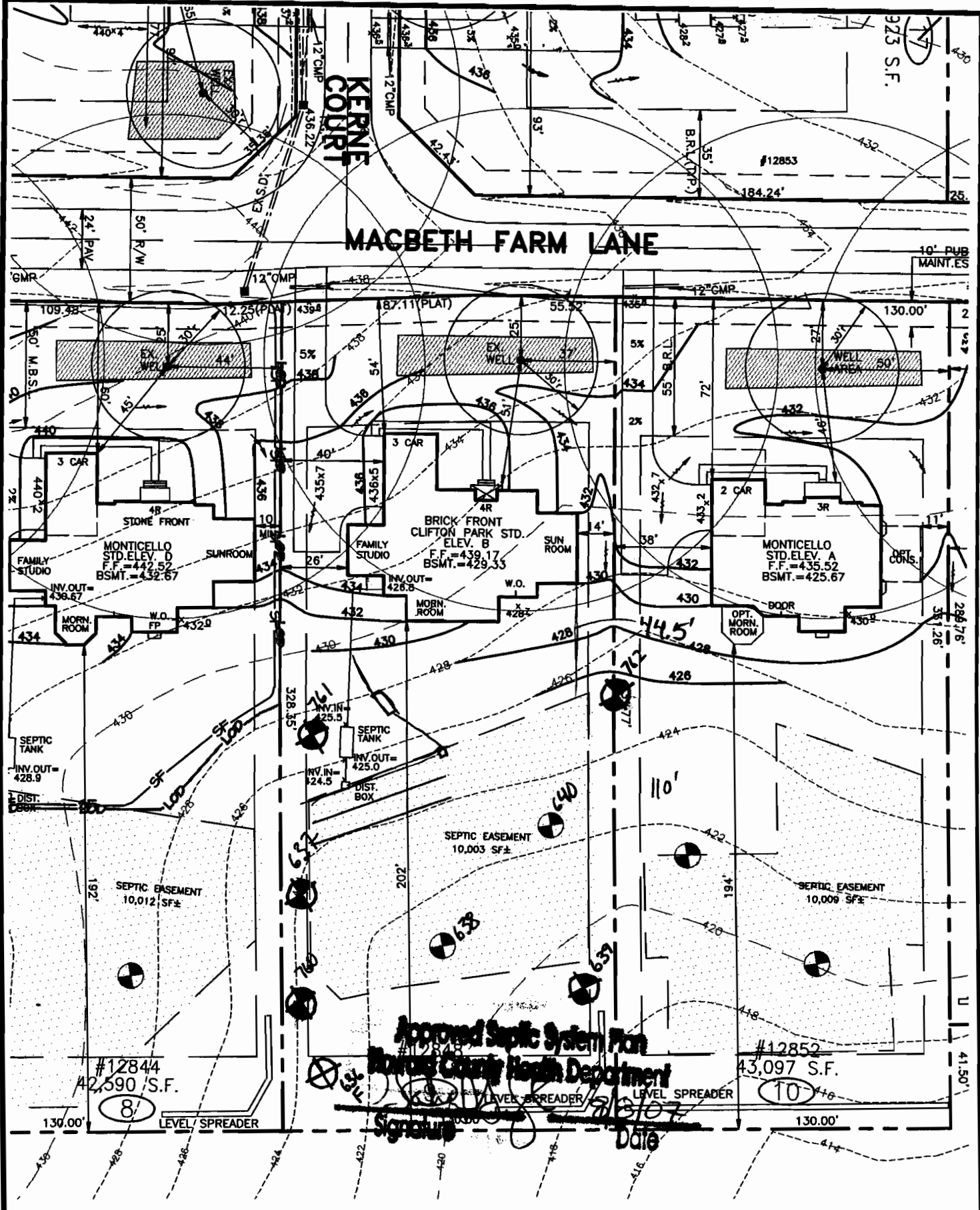
Note 2: Pump performance test required prior to Health Department approval of pumped septic system.

LOCATION: Install trenches on contour, in the highest area possible. Place the distribution box in the center of the approved area and run 3 ~ 58' length trenches on contour.

ADDITIONAL NOTES: _____

Reviewed by: [Signature]

Date: 8/8/2007



Approved Septic System Plan
Howard County Health Department
 Signature: _____ Date: 7/3/07

DIRT-IMPORT REQUIRED: 150 YDS.±
 DIRT-EXPORT REQUIRED: 000 YDS.±

THE EXISTING WELL SHOWN ON THIS PLAN, WELL TAG #HO-95-0315 HAS BEEN FIELD LOCATED BY MORRIS & RITCHE ASSOC. INC, PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

SETBACKS: RR-DEO
 FRONT YARD: 50' MIN.
 SIDE YARD: 10' MIN.
 REAR YARD: 30' MIN.

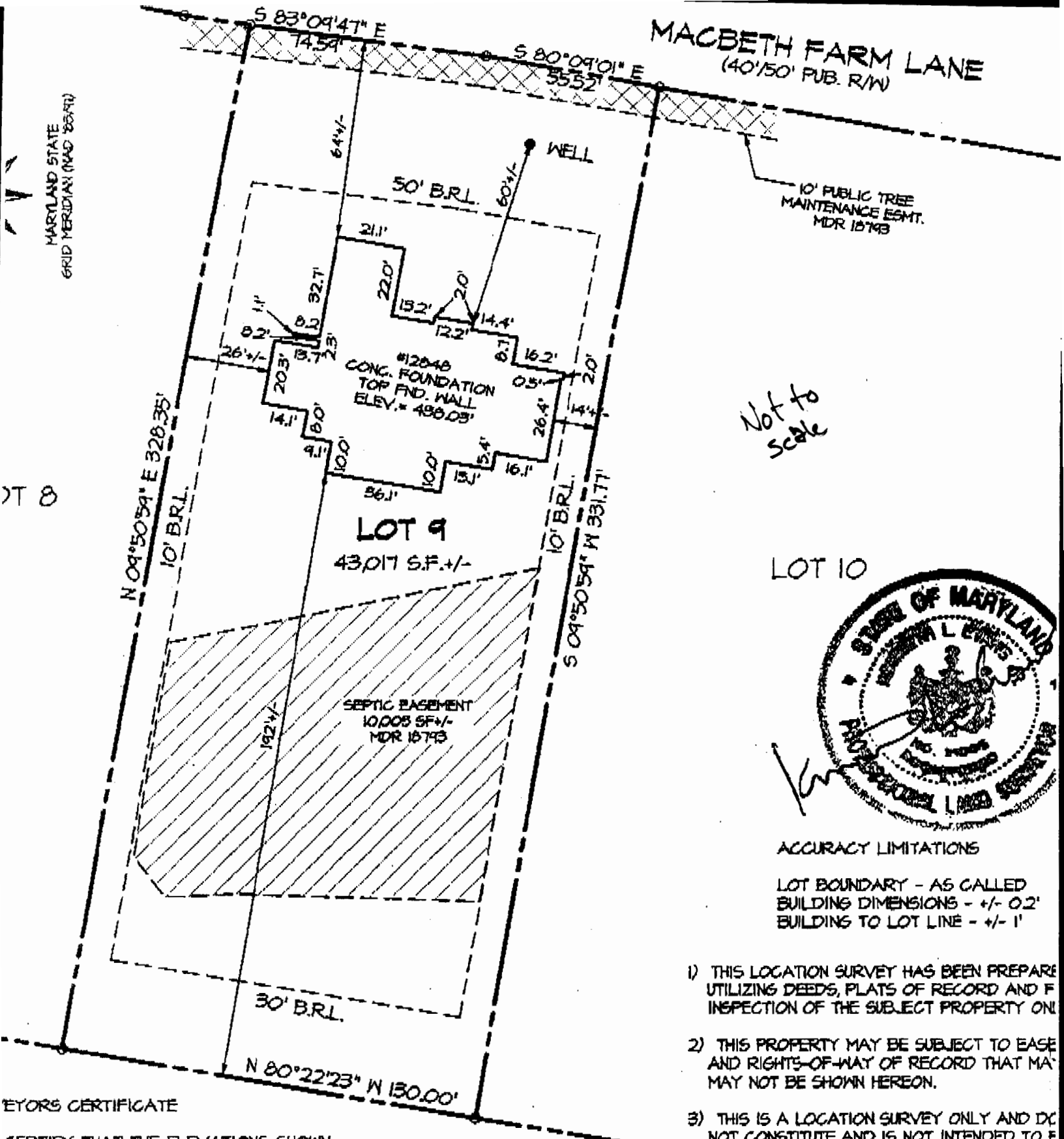
BUILDER
 N.V.HOMES
 6085 MARSHALEE DRIVE, SUITE 130
 ELKBRIDGE, MARYLAND 21075
 PH.:410-379-5956

Handwritten signature and date: 7/3/07



MORRIS & RITCHE ASSOCIATES, INC.
 ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS, & LANDSCAPE ARCHITECTS
 3445-A Box Hill Corporate Center Drive
 Abingdon, Maryland 21009
 (410) 515-9000
 Fax: (410) 515-9002

SITE & GRADING PLAN
 FOR
CLARKSVILLE OVERLOOK
 (A.K.A. MACBETH FARMS)
 LOT 9 #12848 MACBETH FARM LANE
 4TH ELECTION DISTRICT HOWARD CO., MARYLAND



SURVEYOR'S CERTIFICATE

CERTIFY THAT THE ELEVATIONS SHOWN ARE CORRECT AND ACCURATE TO +/- 0.05' AS SHOWN AND WERE DETERMINED FROM A SURVEY UTILIZING THE PROJECT VERTICAL CONTROL PERFORMED UNDER MY DIRECT SUPERVISION ON OCTOBER 17, 2007.

NON-BUILDABLE ENVIRONMENTAL PRESERVATION PARCEL 'C'

[Signature] 10/3/2007
 ... EVANS JR. DATE
 SENIOR LAND SURVEYOR
 NO. 21085

	MORRIS & RITCHIE ASSOCIATES, INC. ENGINEERS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS	AS-BUILT FOUNDATION PLAN MACBETH FARMS 12848 MACBETH FARM LANE LOT #9 PLAT M.D.R. NO. 18793 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
	14280 PARK CENTER DRIVE, SUITE A LAUREL, MD 20707 (410) 792-4792 FAX: (410) 792-7395	FOR: N.V. HOMES

" = 50	DATE: 10/03/2007	DRAWN BY: AHB	REVIEW BY: KLE	JOB NO. 149
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